

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A system for trading a photo mask used for manufacturing semiconductor devices, comprising:

- a purchase mediating section configured to exchange information with a mask buyer through a network;

- a factory mediating section configured to exchange information with a mask factory;

- a manufacture order storing section configured to store a mask manufacture order, which is inputted through the purchase mediating section, and includes at least one of design specifications, a quantity, a desired delivery date, and examination specifications of a mask;

- a line information storing section configured to store line information, which is inputted through the factory mediating section, and includes a processing ability state of a manufacturing line in the mask factory;

- a price information storing section configured to store price information, which includes relationships between contents of mask manufacture orders and mask trading prices;

- a calculating section configured to calculate an estimated price and an estimated delivery date of a mask product with reference to the price information and the line information, in response to the mask manufacture order;

- a progress selecting section configured to transmit the estimated price and the estimated delivery date to the mask buyer through the purchase mediating section, and allow the mask buyer to select whether to proceed with manufacture of the mask or not;

- a manufacture instructing section configured to transmit the mask manufacture order to the mask factory through the factory mediating section, when proceeding with manufacture of the mask is selected;

an examination data storing section configured to store examination data of the mask product manufactured in the mask factory, the examination data being inputted through the factory mediating section;

an examination data transmitting section configured to transmit information data to the mask buyer through the purchase mediating section, the information data including [[a]] each defect coordinate position, and a dimension of [[a]] each defect generated in the mask product, and an optical simulation image obtained by use of the mask product, which are retrieved from the examination data; and

a purchase selecting section configured to allow the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to buy the mask product or not, the purchase selecting section including a portion configured to allow the mask buyer, through the purchase mediating section, to input a desired purchase price of the mask product.

Claims 2-6 (Cancelled).

Claim 7 (Previously Presented): The system according to claim 1, further comprising:

a re-manufacture selecting section configured to allow the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to re-manufacture the mask or not; and

a re-manufacture instructing section configured to instruct re-manufacture of the mask to the mask factory through the factory mediating section, when re-manufacture of the mask is selected.

Claim 8 (Previously Presented): The system according to claim 7,

wherein the mask buyer is allowed to select purchase of the mask and re-manufacture of the mask at the same time.

Claim 9 (Cancelled).

Claim 10 (Original): The system according to claim 1, wherein the line information stored in the line information storing section is renewed with a latest line information inputted through the factory mediating section every time a mask manufacture order is inputted.

Claim 11 (Currently Amended): A mask trading method of trading a photo mask used for manufacturing semiconductor devices, using a system including a purchase mediating section configured to exchange information with a mask buyer through a network, and a factory mediating section configured to exchange information with a mask factory, the method comprising:

storing a mask manufacture order, which is inputted through the purchase mediating section, and includes at least one of design specifications, a quantity, a desired delivery date, and examination specifications of a mask;

storing line information, which is inputted through the factory mediating section, and includes a processing ability state of a manufacturing line in the mask factory;

storing price information, which includes relationships between contents of mask manufacture orders and mask trading prices;

calculating an estimated price and an estimated delivery date of a mask product with reference to the price information and the line information, in response to the mask manufacture order;

transmitting the estimated price and the estimated delivery date to the mask buyer through the purchase mediating section, and allowing the mask buyer to select whether to proceed with manufacture of the mask or not;

transmitting the mask manufacture order to the mask factory through the factory mediating section, when proceeding with manufacture of the mask is selected;

storing examination data of the mask product manufactured in the mask factory, the examination data being inputted through the factory mediating section;

transmitting information data to the mask buyer through the purchase mediating section, the information data including each defect ~~[[a]]~~ coordinate position, ~~and~~ a dimension of ~~[[a]]~~ each defect generated in the mask product, and an optical simulation image obtained by use of the mask product, which are retrieved from the examination data; and

allowing the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to buy the mask product or not, and also allowing the mask buyer, through the purchase mediating section, to input a desired purchase price of the mask product.

Claims 12-16 (Cancelled).

Claim 17 (Previously Presented): The method according to claim 11, further comprising:

allowing the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to re-manufacture the mask or not; and

instructing re-manufacture of the mask to the mask factory through the factory mediating section, when re-manufacture of the mask is selected.

Claim 18 (Previously Presented): The method according to claim 17,
wherein the mask buyer is allowed to select purchase of the mask and re manufacture
of the mask at the same time.

Claim 19 (Cancelled).

Claim 20 (Original): The method according to claim 11, further comprising renewing
the line information stored in the line information storing section with a latest line
information, which is inputted through the factory mediating section every time a mask
manufacture order is inputted.

Claim 21 (New): A system for trading a photo mask used for manufacturing
semiconductor devices, comprising:

- a purchase mediating section configured to exchange information with a mask buyer
through a network;

- a factory mediating section configured to exchange information with a mask factory;

- a manufacture order storing section configured to store a mask manufacture order,
which is inputted through the purchase mediating section, and includes at least one of design
specifications, a quantity, a desired delivery date, and examination specifications of a mask;

- a line information storing section configured to store line information, which is
inputted through the factory mediating section, and includes a processing ability state of a
manufacturing line in the mask factory;

- a price information storing section configured to store price information, which
includes relationships between contents of mask manufacture orders and mask trading prices;

a calculating section configured to calculate an estimated price and an estimated delivery date of a mask product with reference to the price information and the line information, in response to the mask manufacture order;

a progress selecting section configured to transmit the estimated price and the estimated delivery date to the mask buyer through the purchase mediating section, and allow the mask buyer to select whether to proceed with manufacture of the mask or not;

a manufacture instructing section configured to transmit the mask manufacture order to the mask factory through the factory mediating section, when proceeding with manufacture of the mask is selected;

an examination data storing section configured to store examination data of the mask product manufactured in the mask factory, the examination data being inputted through the factory mediating section;

an examination data transmitting section configured to transmit information data to the mask buyer through the purchase mediating section, the information data including each defect coordinate position, a dimension of each defect generated in the mask product, and an optical simulation image obtained by use of the mask product, which are retrieved from the examination data;

a purchase selecting section configured to allow the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to buy the mask product or not, the purchase selecting section including a portion configured to allow the mask buyer, through the purchase mediating section, to input a desired purchase price of the mask product;

a re-manufacture selecting section configured to allow the mask buyer, through the purchase mediating section, to select, on the basis of the information data, whether to re-manufacture the mask or not; and

a re-manufacture instructing section configured to instruct re-manufacture of the mask to the mask factory through the factory mediating section, when re-manufacture of the mask is selected,

wherein the line information stored in the line information storing section is renewed with a latest line information inputted through the factory mediating section every time a mask manufacture order is inputted.